

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041524\  
 Data File : VV035210.D  
 Acq On : 15 Apr 2024 20:30  
 Operator : SY/MD  
 Sample : P2032-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 16 01:49:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR041524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 16 00:33:27 2024  
 Response via : Initial Calibration

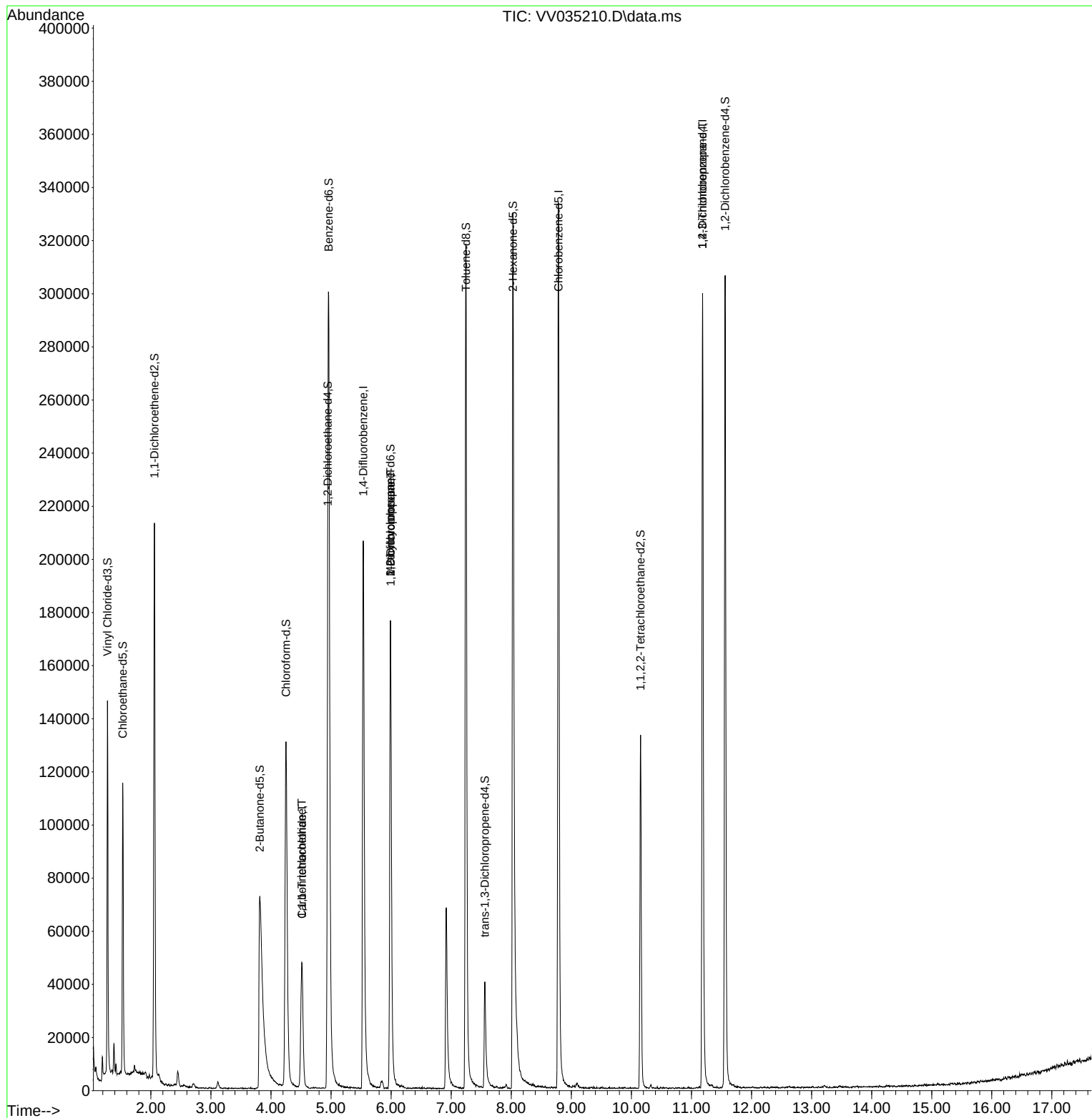
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 186014   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 187569   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 80671    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 89681    | 5.149    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 103.000% |
| 7) Chloroethane-d5            | 1.532  | 69    | 70803    | 5.232    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 104.600% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 36713    | 4.969    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 99.400%  |
| 20) 2-Butanone-d5             | 3.812  | 46    | 171138   | 58.091   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 116.180% |
| 24) Chloroform-d              | 4.249  | 84    | 143281   | 5.261    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.200% |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 72356    | 5.582    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.600% |
| 32) Benzene-d6                | 4.960  | 84    | 275708   | 5.174    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.400% |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 90831    | 5.481    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 109.600% |
| 41) Toluene-d8                | 7.246  | 98    | 222084   | 4.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 27016    | 4.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.400%  |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 120873   | 49.070   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 66876    | 5.239    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 79823    | 5.567    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 111.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 29) 1,1,1-Trichloroethane     | 4.513  | 97    | 39599    | 1.678    | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.516  | 117   | 5220     | 0.259    | ug/L   | 97       |
| 35) Methylcyclohexane         | 5.989  | 83    | 21091    | 0.903    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 5.992  | 63    | 9853     | 0.632    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 10132    | 1.251    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

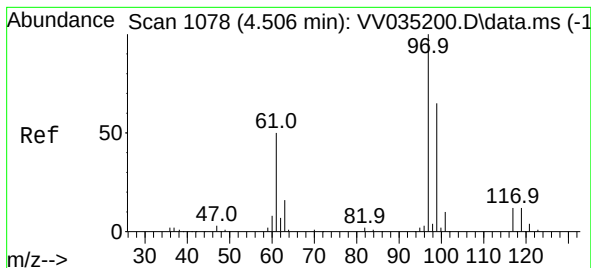
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 1.678 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV035210.D

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MSVOA\_V

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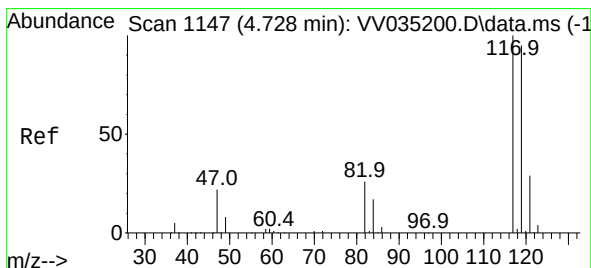
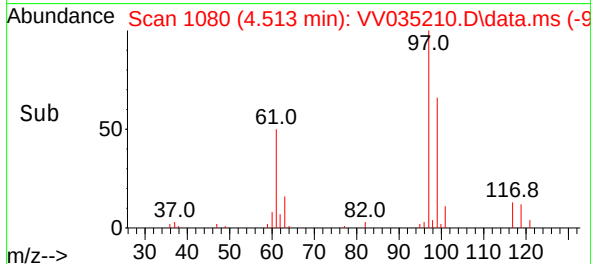
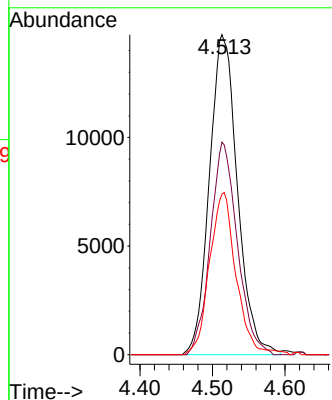
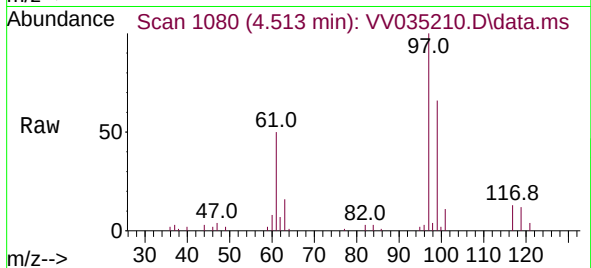
Tgt Ion: 97 Resp: 39599

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 48.0 38.3 57.5



#31

Carbon tetrachloride

Concen: 0.259 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.212 min

Lab File: VV035210.D

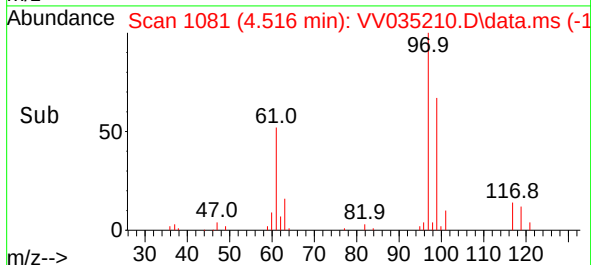
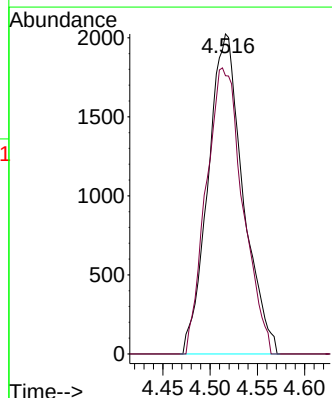
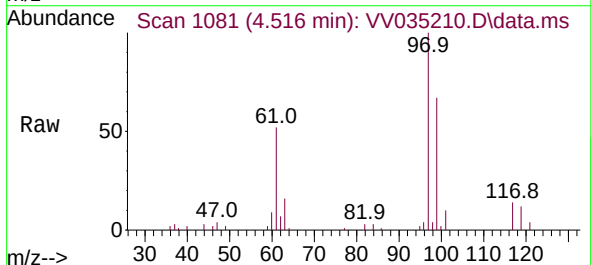
Acq: 15 Apr 2024 20:30

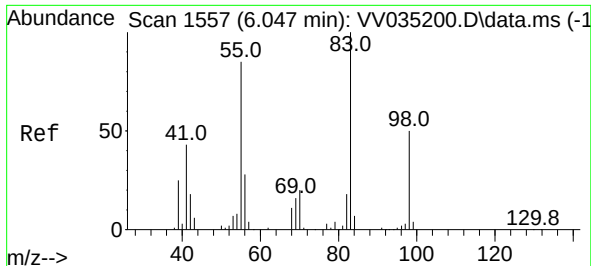
Tgt Ion: 117 Resp: 5220

Ion Ratio Lower Upper

117 100

119 93.2 77.0 115.6





#35

Methylcyclohexane

Concen: 0.903 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

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Instrument :

MSVOA\_V

ClientSampleId :

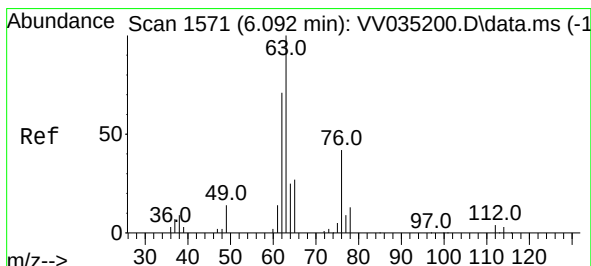
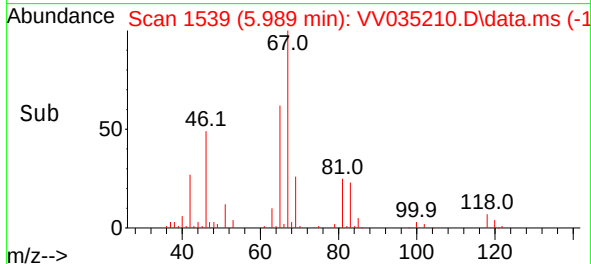
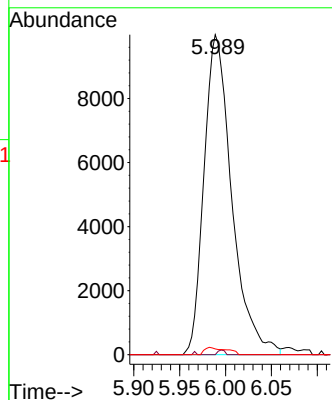
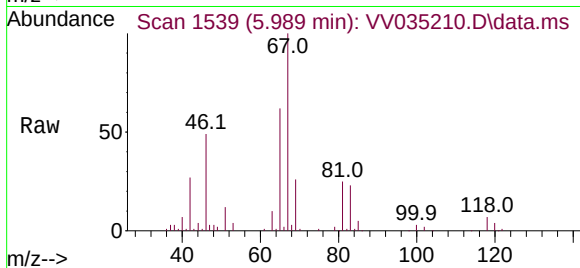
Tgt Ion: 83 Resp: 21091

Ion Ratio Lower Upper

83 100

55 0.3 63.8 95.6#

98 1.8 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.100 min

Lab File: VV035210.D

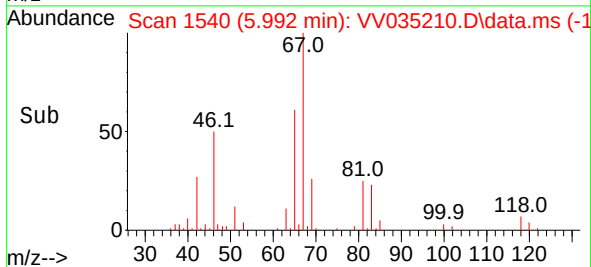
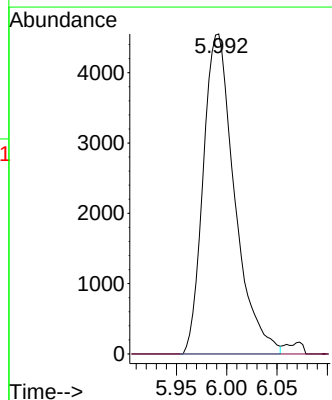
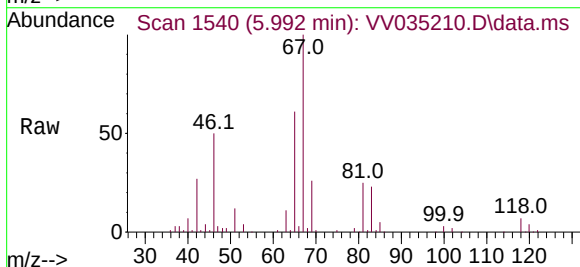
Acq: 15 Apr 2024 20:30

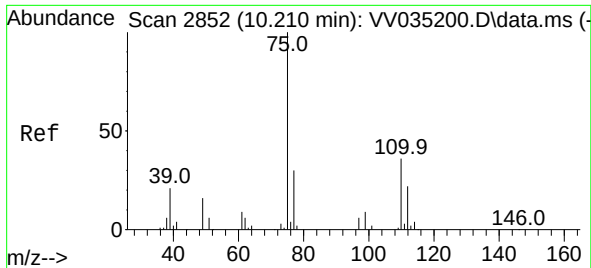
Tgt Ion: 63 Resp: 9853

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

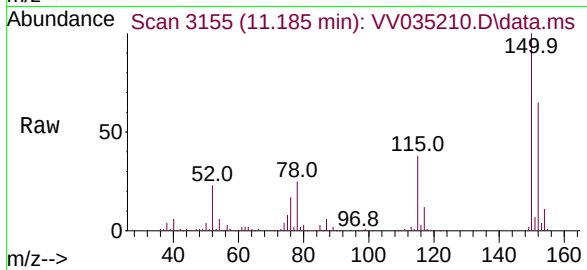
Lab File: VV035210.D

Acq: 15 Apr 2024 20:30

Instrument :

MSVOA\_V

ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 10132      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 34.8  | 25.3 37.9  |
| 110         | 2.4   | 29.6 44.4# |

